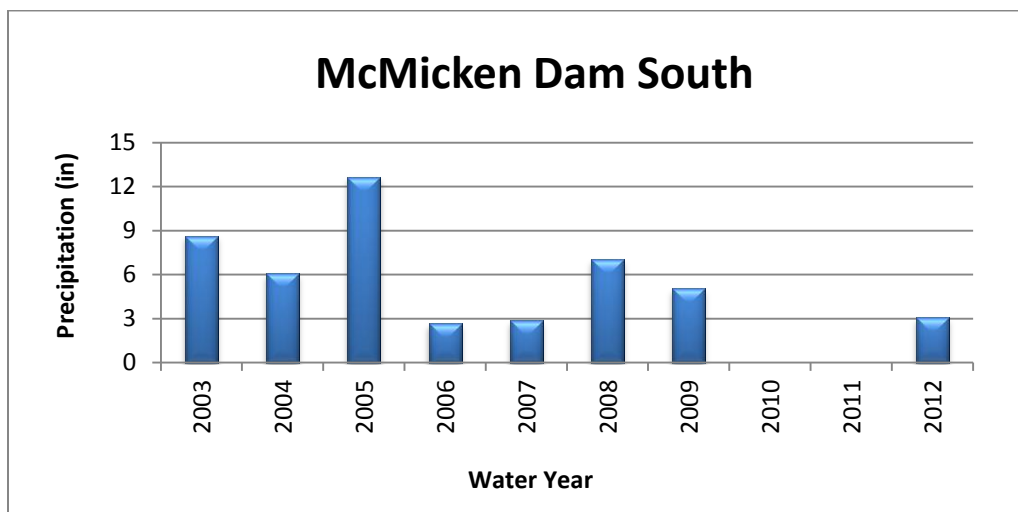




Station Name: McMicken Dam South

Station ID Number History:	5440 since installation
Station Type:	Rain
Data Begins:	02/13/2002
Years of Record:	10.63 (as of 10/01/12)
Data Repeater:	Direct
County:	Maricopa
Latitude:	33° 35' 11.6" (33.5866)
Longitude:	112° 28' 37.3" (112.4770)
Elevation:	1,360 ft. msl
Location:	½ mi N of the Peoria and 195 th Ave. alignments
Data Record:	
Partial Months (>10 days missing):	None
Missing Months:	None
Remarks:	Records Poor



Data Statistics for Period of Record:

Number of storms greater than 1 inch in 24 hours:	11
Number of storms greater than 2 inches in 24 hours:	1
Number of storms greater than 3 inches in 24 hours:	0
Greatest 15 minute total:	0.91" on 07/29/10
Greatest 1 hour total:	1.22" on 07/29/10
Greatest 3 hour total:	1.26" on 07/29/10
Greatest 6 hour total:	1.26" on 07/29/10
Greatest 24 hour total:	2.17" on 02/13/03
Greatest 72 hour total:	2.64" on 02/13/03

Water Year Totals: (Mean of Complete Water Years [8] = 6.00 inches)

Water Year	Total	Water Year	Total
2020		2010	M
2019		2009	5.04
2018		2008	7.01
2017		2007	2.87
2016		2006	2.68
2015		2005	12.64
2014		2004	6.06
2013		2003	8.62
2012	3.07	2002	M
2011	M	2001	

M: One or more months contain partial or missing data

**Daily Precipitation Totals And Annual Statistics
Are On The Following Pages**

Flood Control District of Maricopa County ALERT System
Daily Rainfall at McMicken Dam South (gage # 5440) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1			.04										
2													
3													
4	.04	.04								.24			
5		.04											
6													
7		.08											
8													
9													
10												.04	
11													
12			.35							.04			
13		.12	.47										
14			.04										
15													
16													
17											.08		
18			.04			.28							
19													
20													
21											.39		
22										.08	.20		
23											.12		
24													
25													
26							.04						
27													
28													
29										.28			
30					----					.04			
31		----			----		----		----			----	
SUM	0.04	0.28	0.94	0.00	0.00	0.28	0.04	0.00	0.00	0.67	0.79	0.04	
ACC	0.04	0.31	1.26	1.26	1.26	1.54	1.57	1.57	1.57	2.24	3.03	3.07	
MAX	0.04	0.12	0.47	0.00	0.00	0.28	0.04	0.00	0.00	0.28	0.39	0.04	
NO.	1	4	5	0	0	1	1	0	0	5	4	1	
Maximum Daily Rainfall													0.47
Maximum Monthly Rainfall													0.94
Total Annual Rainfall													3.07
Number of Days with Rain													22

Flood Control District of Maricopa County ALERT System
Daily Rainfall at McMicken Dam South (gage # 5440) for Water Year 2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1											.04		
2													
3											.16		
4													
5										.08			
6													
7													
8													
9							.31					.39	
10													
11										.04			
12													
13											.08	.12	
14													
15								----					
16								----					
17													
18													
19					.20								
20					.04								
21						.08							
22													
23													
24													
25													
26					.08								
27					.08								
28													
29			.35		----								
30			.16		----								
31		----			----		----		----			----	
SUM	0.00	0.00	0.51	0.00	0.39	0.08	0.31	0.00	0.00	0.12	0.28	0.51	
ACC	0.00	0.00	0.51	0.51	0.91	0.98	1.30	1.30	1.30	1.42	1.69	2.20	
MAX	0.00	0.00	0.35	0.00	0.20	0.08	0.31	0.00	0.00	0.08	0.16	0.39	
NO.	0	0	2	0	4	1	1	0	0	2	3	2	
Maximum Daily Rainfall													0.39
Maximum Monthly Rainfall													0.51
Partial Annual Rainfall													2.20
Number of Days with Rain													15

Annual Total (mm): 56

Days Down: ?

Gage 5440 down from 05/14 16:46 (33) through 05/17 09:51 (33) due to transmitter failure; no rain fell.

Gage 5440 missed the event of 12/22, stuck tipping bucket found on 12/27, no estimate made, inaccurate monthly and annual totals.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at McMicken Dam South (gage # 5440) for Water Year 2010

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7			.87		.16	.87						
8						.16						
9						.04						
10												
11												
12												
13												
14												
15												
16												
17												
18												
19				1.06								
20				.04	.16							
21					.47							
22					.12							
23						.04						
24										.04		
25												
26												
27					.20							
28					.51							
29					----					1.26		
30					----							
31		----			----		----		----			----
SUM	0.00	0.00	0.87	1.10	1.61	1.10	0.00	0.00	0.00	1.30	0.00	0.00
ACC	0.00	0.00	0.87	1.97	3.58	4.69	4.69	4.69	4.69	5.98	5.98	5.98
MAX	0.00	0.00	0.87	1.06	0.51	0.87	0.00	0.00	0.00	1.26	0.00	0.00
NO.	0	0	1	2	6	4	0	0	0	2	0	0
Maximum Daily Rainfall												1.26
Maximum Monthly Rainfall												1.61
Partial Annual Rainfall												5.98
Number of Days with Rain												15

Notes:

Annual rainfall in millimeters: 230

Gage 5440 down from 01/19 23:54 (29) through 01/28 08:52 due to a plugged funnel; this gage has two prior estimates this year; so no estimate was made and the record will be considered ineffectual for this year.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at McMicken Dam South (gage # 5440) for Water Year 2009

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												.08
2												
3										.12		
4				.04								
5												.08
6												
7					.04							
8					.04							
9					.43							
10												
11							.16					
12											.08	
13											.20	
14												
15												
16			.71									
17			.35		.08							
18			.08									
19												
20												
21											.04	
22			.16					.24				
23			.04									
24										.04		
25			.24									
26		.31	.20									
27		1.22										
28												
29					----							
30					----							
31		----			----		----		----		.08	----
SUM	0.00	1.54	1.77	0.04	0.59	0.00	0.16	0.24	0.00	0.16	0.39	0.16
ACC	0.00	1.54	3.31	3.35	3.94	3.94	4.09	4.33	4.33	4.49	4.88	5.04
MAX	0.00	1.22	0.71	0.04	0.43	0.00	0.16	0.24	0.00	0.12	0.20	0.08
NO.	0	2	7	1	4	0	1	1	0	2	4	2
							Maximum Daily Rainfall					1.22
							Maximum Monthly Rainfall					1.77
							Total Annual Rainfall					5.04
							Number of Days with Rain					24

Annual rainfall in millimeters: 128

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at McMicken Dam South (gage # 5440) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			.47									
2			.04									
3												
4												
5												
6												
7			.04	.51							.04	
8			.04								.12	
9												.08
10										.55		
11												
12												
13								.24		.16		
14										.35		
15					.04							
16												
17												
18	----											
19	----											
20	----				.08					.51		
21	----				.04							
22					.08							
23								.12				
24				.28				.08				
25											.16	
26											.12	
27				1.81								
28				.04								
29											.08	
30		.94			----							
31		----			----		----		----			----
SUM	0.00	0.94	0.59	2.64	0.24	0.00	0.00	0.43	0.00	1.57	0.51	0.08
ACC	0.00	0.94	1.54	4.17	4.41	4.41	4.41	4.84	4.84	6.42	6.93	7.01
MAX	0.00	0.94	0.47	1.81	0.08	0.00	0.00	0.24	0.00	0.55	0.16	0.08
NO.	0	1	4	4	4	0	0	3	0	4	5	1
Maximum Daily Rainfall												1.81
Maximum Monthly Rainfall												2.64
Total Annual Rainfall												7.01
Number of Days with Rain												26

Notes:

Annual rainfall in millimeters: 178

Total down-time: 5.32 days

Gage 5440 down from 10/17 06:41 (0) through 10/22 14:23 (0) due to data collision; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at McMicken Dam South (gage # 5440) for Water Year 2007

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1											.20	
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17					----							
18					----							
19				.31	.24							
20				.04								
21												
22			.12			.75						
23						.04				.63		
24						.04				.04		
25												
26												
27												
28										.08		
29					----							
30					----					.24		
31		----		.16	----		----		----			----
SUM	0.00	0.00	0.12	0.51	0.24	0.83	0.00	0.00	0.00	0.98	0.20	0.00
ACC	0.00	0.00	0.12	0.63	0.87	1.69	1.69	1.69	1.69	2.68	2.87	2.87
MAX	0.00	0.00	0.12	0.31	0.24	0.75	0.00	0.00	0.00	0.63	0.20	0.00
NO.	0	0	1	3	1	3	0	0	0	4	1	0
Maximum Daily Rainfall												0.75
Maximum Monthly Rainfall												0.98
Total Annual Rainfall												2.87
Number of Days with Rain												13

Notes:

Annual rainfall in millimeters: 73
Total down-time: 2.77 days
Gage 5440 down from 2/16 18:49 (16) through 2/19 13:20 (17) for unknown reason; assigned 1mm to 2/19.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at McMicken Dam South (gage # 5440) for Water Year 2006

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												.20
3												
4												
5												
6												
7												.59
8												
9												
10												
11						.67					.28	
12						.04						
13												
14											.43	.08
15										.04		
16												
17	.08											
18	.12											
19						.04						
20						.04						
21												
22												
23												
24												
25												
26										.08		
27												
28												
29					----							
30					----							
31		----			----		----		----			----
SUM	0.20	0.00	0.00	0.00	0.00	0.79	0.00	0.00	0.00	0.12	0.71	0.87
ACC	0.20	0.20	0.20	0.20	0.20	0.98	0.98	0.98	0.98	1.10	1.81	2.68
MAX	0.12	0.00	0.00	0.00	0.00	0.67	0.00	0.00	0.00	0.08	0.43	0.59
NO.	2	0	0	0	0	4	0	0	0	2	2	3
Maximum Daily Rainfall												0.67
Maximum Monthly Rainfall												0.87
Total Annual Rainfall												2.68
Number of Days with Rain												13

Notes:

Annual rainfall in millimeters: 68

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at McMicken Dam South (gage # 5440) for Water Year 2005

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2											.71	
3				.71							.24	
4			.16	.67								
5			.63			.20						
6			.43		.08							
7		.59										
8		.31									1.10	
9											.24	
10					.24						.08	
11				.04	1.22							
12		.16			.16							
13												
14												
15												
16												
17					.16							
18					.16							
19					.75							
20					.08	.04						
21	.16	.08			.16					.04		
22		.12			.28							
23					.35		.20			.04		
24				.04	.24							
25						.04						
26				.31						.04		
27				.04								
28	.51		.20									
29			.47	.04	-----							
30					-----					.16		
31		-----			-----		-----		-----			-----
SUM	0.67	1.26	1.89	1.85	3.86	0.28	0.20	0.00	0.00	0.28	2.36	0.00
ACC	0.67	1.93	3.82	5.67	9.53	9.80	10.00	10.00	10.00	10.28	12.64	12.64
MAX	0.51	0.59	0.63	0.71	1.22	0.20	0.20	0.00	0.00	0.16	1.10	0.00
NO.	2	5	5	7	12	3	1	0	0	4	5	0
Maximum Daily Rainfall												1.22
Maximum Monthly Rainfall												3.86
Total Annual Rainfall												12.64
Number of Days with Rain												44

Notes:

Annual rainfall in millimeters: 321

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System

Daily Rainfall at McMicken Dam South (gage # 5440) for Water Year 2004

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2						.08	1.06					
3				.04								
4						.39	.08					.12
5												
6												
7												
8												
9							.04					
10	.94						.04					
11	.04	.04				.04					.28	
12		.35	.12									
13		.20	.04			.04						
14										.24		
15											.43	
16												
17												
18												.08
19												.47
20												
21												
22				.04	.04							
23					.67							
24				.04								
25												
26			.04									
27										.04		
28			.04									
29												
30					-----							
31		-----			-----		-----		-----			-----
SUM	0.98	0.59	0.24	0.12	0.71	0.55	1.22	0.00	0.00	0.28	0.71	0.67
ACC	0.98	1.57	1.81	1.93	2.64	3.19	4.41	4.41	4.41	4.69	5.39	6.06
MAX	0.94	0.35	0.12	0.04	0.67	0.39	1.06	0.00	0.00	0.24	0.43	0.47
NO.	2	3	4	3	2	4	4	0	0	2	2	3
							Maximum Daily Rainfall					1.06
							Maximum Monthly Rainfall					1.22
							Estimated Annual Rainfall					6.06
							Number of Days with Rain					29

Notes:

Estimated annual rainfall in millimeters: 154
Feb. 23rd total of 18 mm was estimated from nearby gages.

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at McMicken Dam South (gage # 5440) for Water Year 2003

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1						.04					.12		
2						.04							
3													
4												.12	
5													
6													
7													
8				.20									
9													
10													
11													
12					.35								
13					1.97								
14					.31						.43		
15							.12				.08		
16						.71							
17						.20							
18													
19											.59		
20			.04										
21													
22													
23											.24		
24												.04	
25					.79								
26	.24				.16						.16		
27					.04						.67		
28					.12					.04			
29		.24			-----					.55			
30		.04			-----								
31		-----			-----		-----		-----			-----	
SUM	0.24	0.28	0.04	0.20	3.74	0.98	0.12	0.00	0.00	0.59	2.28	0.16	
ACC	0.24	0.51	0.55	0.75	4.49	5.47	5.59	5.59	5.59	6.18	8.46	8.62	
MAX	0.24	0.24	0.04	0.20	1.97	0.71	0.12	0.00	0.00	0.55	0.67	0.12	
NO.	1	2	1	1	7	4	1	0	0	2	7	2	
Maximum Daily Rainfall													1.97
Maximum Monthly Rainfall													3.74
Total Annual Rainfall													8.62
Number of Days with Rain													28

Notes:

Total annual rainfall in millimeters: 219

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at McMicken Dam South (gage # 5440) for Water Year 2002

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	-	-	-	-	-							
2	-	-	-	-	-							
3	-	-	-	-	-							
4	-	-	-	-	-							
5	-	-	-	-	-							
6	-	-	-	-	-							1.10
7	-	-	-	-	-							.12
8	-	-	-	-	-							
9	-	-	-	-	-					.12		
10	-	-	-	-	-							.28
11	-	-	-	-	-							.08
12	-	-	-	-	-							
13	-	-	-	-	-							
14	-	-	-	-	-					.04		
15	-	-	-	-	-					.12		
16	-	-	-	-	-							
17	-	-	-	-	-							
18	-	-	-	-	-							
19	-	-	-	-	-							
20	-	-	-	-	-							
21	-	-	-	-	-							
22	-	-	-	-	-							
23	-	-	-	-	-							
24	-	-	-	-	-							
25	-	-	-	-	-							
26	-	-	-	-	-							
27	-	-	-	-	-							
28	-	-	-	-	-							
29	-	-	-	-	-							
30	-	-	-	-	-							
31	-	-	-	-	-		-		-			-
SUM	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.28	0.00	1.57
ACC	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.28	0.28	1.85
MAX	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.12	0.00	1.10
NO.	-	-	-	-	0	0	0	0	0	3	0	4
Maximum Daily Rainfall												1.10
Maximum Monthly Rainfall												1.57
Partial Annual Rainfall												1.85
Number of Days with Rain												7

Notes:

Partial annual rainfall in millimeters: 47
Station installed on 2/13/2002.

Total down-time: 0.00 days